

CENTER FOR THE IMPROVEMENT OF CONSTRUCTION MANAGEMENT AND PROCESSES ASSOCIATES

The following professionals are directly associated with the work of the CICMP. They all have a wealth of knowledge and experience in their noted respective fields to assist the construction industry to improve project and company performance. Contact the Center if you are interested in utilizing their expertise in any applied research and/or professional development activities.

Dennis Bausman, PhD, CPC, AIC

Educational and Professional qualifications:

Degrees

Doctor of Philosophy in Construction Management
Heriot-Watt University, Edinburgh, Scotland

Master of Science in Construction Science and Management
Clemson University, Clemson, SC

Bachelor of Science in Construction Engineering
Iowa State University, Ames, IA

Registrations and Certifications

National Panel of Neutrals for the American Arbitration Association
LEED Accredited Professional
AIC Certified Professional Constructor

Experience - Directly involved in the construction industry for over 20 years with experience in field operations and supervision, project management, estimating, sales, business planning and division management. Nine years of experience managing full service construction divisions throughout the United States. Experience includes management responsibility for over 300 projects totaling over two (2) billion dollars of construction with a project size ranging from 250K to 120+ million. Project experience includes commercial (hotel, office, retail, institutional), healthcare, industrial, entertainment, and public construction. Personal knowledge and involvement with a variety of contracting formats including lump-sum, guaranteed maximum price, cost-plus, design-build, and construction management.

Areas Qualified to Develop/Teach Professional Education Courses:

Materials & Methods
Contract Documents
Project Management

Scheduling
Construction Economics
Financial Management

Areas Qualified to Conduct Research:

Distance education
Financial Management and Benchmarking
Strategic planning
Subcontractor retainage
Construction industry best practices

Shima Clarke, PhD, PE, AIC

Educational and Professional qualifications:

Degrees

Doctorate, Civil Engineering
University of Tennessee
Knoxville, TN

Master of Science, Civil Engineering
University of Tennessee
Knoxville, TN

Bachelor of Science, Civil Engineering
University of Tennessee
Knoxville, TN

Registrations and Certifications

Professional Registered Engineer in Tennessee

Experience – Industry experience has been as a Civil/Structural Engineer working in the nuclear industry. In addition has taught in Clemson University's Construction Science and Management Department for 10 years; teaching the structures courses on the undergraduate level and construction research methods on the graduate level. Has conducted research and published papers in the areas of structures- fatigue behavior of steel bridges and what constructors need to know about structures; Disadvantaged Business Enterprises (DBE) construction firms' training needs; craft worker retention rate monitoring and documentation process; bid shopping- impact on the private sector of the construction industry; and LEED Accreditation- a benefit analysis for constructors. Also conducted research in the area of design-build project delivery method.

Areas Qualified to Develop/Teach Professional Education Courses:

Structures (design, code requirements/analysis, failure analysis, and inspection)
Construction materials
LEED requirements for new construction
Design-build project delivery method

Areas Qualified to Conduct Research:

Any topic related to construction science, management and processes.

Gregg R. Corley

Educational and Professional qualifications:

Degrees

Master of Science, Civil Engineering
Clemson University
Clemson, SC

Bachelor of Science, Civil Engineering
Clemson University
Clemson, SC

Registrations and Certifications

Professional Registered Engineer in South Carolina

Experience - Has over 20 years experience in both the construction industry and construction education, specializing in information technology applications used for construction estimating, scheduling, and project management operations. His industry experience includes positions as estimator and project manager for commercial, institutional, municipal, and military projects throughout the southeast. He has taught in the construction programs at Auburn University, Southern Polytechnic State University, and currently is a tenured, associate professor in the Department of Construction Science and Management at Clemson University. Gregg's past teaching responsibilities have included courses in construction information technology, estimating, scheduling, project management, materials and methods, soils and foundations, structures, equipment, and safety. He has also developed and conducted numerous continuing education courses for the construction industry and currently instructs in programs sponsored by the National Center for Construction Education and Research, the Timberline Users Group, and the Home Builders Association of Alabama.

Areas Qualified to Develop/Teach Professional Education Courses:

IT in Construction
Estimating
Scheduling
Project Management

Areas Qualified to Conduct Research:

IT in Construction
Estimating
Scheduling
Project Management

Roger Liska, EdD, CPC, PE, FAIC, FCIQB, FRICS

Educational and Professional qualifications:

Degrees

Doctorate in Educational Administration
University of Georgia
Athens, GA

Master of Science, Civil Engineering and Construction
Wayne State University
Detroit, MI

Bachelor of Science, Civil Engineering
Michigan Technological University
Houghton, MI

Registrations and Certifications

Professional Registered Engineer – Alabama, North and South Carolina
Certified Professional Constructor
Certified Franklin Covey Trainer

Experience – Have over thirty years in construction and construction education. Have worked in the commercial and industrial sectors of the construction industry in the management of the construction process. In addition, have extensive experience consulting from the construction industry on quality management, productivity and

personnel issues including training. Have taught over 300 workshops and seminars for the industry and have conducted numerous funded and unfunded applied research projects. Also have taught various Franklin-Cover Leadership courses.

Areas Qualified to Develop/Teach Professional Education Courses:

Personnel management
Training
Productivity
Quality Management
Resource Control
Time Management

Areas Qualified to Conduct Research:

Personnel management
Productivity
Quality Management
Resource Control
Off-site construction techniques
Construction education and training

Christine Piper, PhD

Educational and Professional qualifications:

Degrees

Doctorate of Project Management

Dissertation: "The Impact of Certification on Women-Owned Construction Firms in the United States"

University of South Australia, Adelaide, Australia

Master of Building Science & Management

Clemson University, Clemson, SC

Bachelor of Science in Design (Architecture)

Clemson University, Clemson, SC

Experience - Has 20 years experience in both the construction industry and construction education specializing in the areas of planning, scheduling and project management applications. Her industry experience on commercial and industrial projects as a project controls engineer included estimating change orders; initiating and maintaining project schedules; reconciling budget costs with actual costs; performing special productivity and cost analysis studies; developing and maintaining submittal, procurement and change

order logs; interfacing with client controls systems; planning and coordinating engineering and construction work. She worked with the owner's representative on the Bi-Lo Center in Greenville, SC performing cost control services and managing furniture, fixture and equipment work packages. Current consulting work includes developing and updating schedules for various contractors on different types of projects including commercial construction and building renovations and conducting scheduling seminars.

Areas Qualified to Develop/Teach Professional Education Courses:

Project Planning
Scheduling
Project Management

Areas Qualified to Conduct Research:

Women's workforce development issues
Planning and scheduling
Workforce retention
Project Management

Ray Schneider, PE

Educational and Professional qualifications:

Degrees

MBA-Management
Long Island University
Long Island, NY

Bachelor of Science, Aeronautical Engineering
New York Polytechnic
New York, NY

Registrations and Certifications

Registered Professional Engineer in

Experience - Has over 30 years in the HVAC field, the last 20 of them specifically focused on hundreds of clean room projects ranging from class 100,000 (ISO 8) thru class 1 (ISO 3) in the U.S. and abroad. His experience ranges from baseline contamination control studies and conceptual facility planning, through detail design, and certification. He has held executive engineering positions with several clean room design/build companies, including Fluor Daniel and Luwa. Ray has been active in the Institute of Environmental Sciences and Technology, participating in working groups that have produced recommended practices on clean room testing and on clean room design

concerns. He has authored several HVACR related books as well as the book PRACTICAL CLEANROOM DESIGN including supplements entitled "Effect of ISO on Microelectronics Clean room Design" " Bio-Pharmaceutical Clean room Design Guidelines" and "The Successful Clean room Project" . His papers and articles have appeared in industry publications such as the ASHRAE Journal, A2C2, Clean rooms, Fatback, Plant Engineering and Micro. Most recently he developed a one day seminar entitled "Cleaner Manufacturing-First Steps" that was presented through the Clemson University South Carolina Center for Energy Studies and at the Wallops Island NASA facility.

Areas Qualified to Develop/Teach Professional Education Courses:

HVAC (equipment, design, sales, service, installation),
Sustainability
Project management
Business issues
Construction marketing
Energy management/conservation
LEED
Industrial facility programming
Microelectronics facilities
Bio-pharmaceutical facilities
Conceptual design
Contamination control
Cleanroom design/construction
Ventilation
Filtration

Areas Qualified to Conduct Research:

HVAC (equipment, design, sales, service, installation),
Sustainability
Project management
Business issues
Construction marketing
Energy management/conservation
LEED
Industrial facility programming
Microelectronics facilities
Bio-pharmaceutical facilities
Conceptual design
Contamination control
Cleanroom design/construction
Ventilation
Filtration

Tony Wintz, JD, PE

Educational and Professional qualifications:

Degrees:

Juris Doctor, 1998
George Mason University School of Law
Washington, DC

M.S. Structural Engineering, 1974
George Washington University
Washington, DC

B.S. Civil Engineering, 1970
University of Virginia
Charlottesville, VA

Registrations and Certifications:

Professional Engineer (District of Columbia, Virginia, Pennsylvania)
Virginia State Bar (Virginia)
Certified Association Executive (ASAE)

Experience – Over 35 years in the construction industry, including experience in contracting, structural design, materials testing, consulting, forensic investigation of building construction defects, construction law, and association management. As a masonry specialist, has been involved in all aspects of masonry, including materials, design and detailing, specification, construction and workmanship in projects involving renovation, rehabilitation and maintenance in addition to design of new construction for architectural buildings, both in the United States, and overseas. On the national level, has been involved in codes and standards work for over 30 years. Has served, and continue to serve, on several standards writing organizations, including committees of ASCE, SEI, CI, CSI, ASTM, TMS and ACI.

Areas Qualified to Develop/Teach Professional Education Courses:

Masonry
Structural Design in Construction
Soils and Foundations
Construction Law
Contract Documents
Drawings and Specifications

Plan Reading

Areas Qualified to Conduct Research:

Masonry

Construction Law

Contract Documents

Drawings and Specifications